

## REMARKS

### **I. Status of the Claims**

Claims 1-7 were pending in the application. All the claims were rejected. No claims were allowed.

By way of this response, the Applicant submits the following remarks for the consideration of the Examiner. Accordingly, Claims 1-7 are pending in the application.

### **II. Claim Rejections Under 35 U.S.C. § 103**

The Examiner rejected claims 1-7 under 35 U.S.C. § 103 as being obvious over U.S. Patent No. 6,453,314, issued to Chan, in further view of U.S. Patent No. 5,280,583, issued to Nakayama. Specifically, the Examiner stated:

4. As per independent claim 1, Chan teaches a method and for use in a database management system for managing a database containing data and has storage for data in the database (col. 12, lines 14-19). Chan teaches the claimed, providing a database capable of having record data loaded therein (Fig. 3, 9a, col. 12, lines 35-40). Chan teaches the claimed, providing a computer's main memory (Fig. 3, col. 6, lines 38-43). Chan teaches the claimed, providing record data for loading into the database and the record data residing in the computer's main memory (Fig. 3, col. 6, lines 38-43). Chan teaches the claimed, invoking a coordinating program (Fig. 3, col. 6, lines 44-45). Chan teaches the claimed, invoking a load utility program that issues record data input requests, opens record data from external media and loads record data to the database therefrom and the load utility having a required syntax (Fig. 3, col. 12, lines 60-63).

Chan does not explicitly teach intercepting input data. However, Nakayama teaches the claimed, with the coordinating program, intercepting record data input requests from external media made by the load utility program (Fig. 3, col. lines 38-43). Thus, it would have been obvious to one of ordinary skill in the data processing art at the time of the invention, to have combine the teachings of the cited references because Nakayama's teachings

would have allowed Chan's method to provide an electronic interlocation system including a plurality of terminals or work stations each imparted with a multi-window function and interconnected to one another and which system can enjoy much improved information service performance (col. 2, lines 26-31).

Chan teaches the claimed, replacing the record data input request from external media with record data input requests from the computer's main memory (Fig. 9b, 11, col. 13, lines 42-49). Chan teaches the claimed, inserting record data from the computer's main memory directly into the database by the load utility and whereby delays encountered by reading of input files on the external media by the load utility is avoided (Fig. 3, 11, col. 6, lines 38-43 and col. 13, lines 45-49).

The Applicant respectfully disagrees. The interlocation control program (100A, 100B) disclosed in Nakayama establishes a communication pipe (70) between two or more terminals (A2, B2) to facilitate voice and data transmission between the terminals. (See Fig. 5, and col.1, lines 12-22, col. 8, lines 45-66.). Nakayama's control program communicates to other control programs. In fact, Nakayama's control program may only communicate with other control programs and has no capability to communicate with other structures. In effect it acts as a conduit for voice and data transmission in a PBX call center.

In contrast, the coordinating program in claim 1 intercepts record data input requests from the load utility program. These record data input requests are replaced with new record data input requests that are redirected from data stored on external media to data stored in main memory. The data is then loaded from main memory rather than from external storage saving significant processing time. The coordinating program of the present invention does not communicate with other coordinating programs and does not function as a conduit between to terminals. The coordinating program of the present application supersedes the load utility program of a relational database management system and reformats the record data input requests. This functionality is simply not disclosed or taught in Nakayama, nor evident in Chan

in combination with Nakayama. Even if one were to combine Nakayama and Chan, all the limitations of the claims of the present invention would still not be disclosed because neither Chan nor Nakayama disclose a coordinating program that can intercept and replace the record data input requests of a load utility program.

Accordingly, because Chan in combination with Nakayama does not disclose the use of a separate coordinating program which intercepts and redirects record data input requests from a load utility program, Chan and Nakayama do not obviate the claims of the present invention.

Therefore, the Applicant respectfully solicits reconsideration of the pending claims.

### **III. Conclusion**

In view of the foregoing, the Applicant respectfully solicits reconsideration of the pending claims.

The USPTO is authorized to charge any additional fees incurred as a result of the filing hereof or credit any overpayment to our account #02-0900.

Respectfully submitted,

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